

Untitled

Title: US- 10- 578- 672A- 1
Perfect score: 191
Sequence: 1 ggt gt ggaggt gt t caaagg. gacact aaat t gt ggat aat 191

RESULT 5

AAS69177

ID AAS69177 standard; cDNA; 1431 BP.

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AC AAS69177;

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DT 13- FEB- 2002 (first entry)

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DE DNA encoding novel human diagnostic protein #4981.

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KW Human; chromosome mapping; gene mapping; gene therapy; forensic;
KW food supplement; medical imaging; diagnostic; genetic disorder; ss.

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OS Homo sapiens.

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PN ~~WO~~200175067- A2.

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PD 11- OCT- 2001.

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PF 30- MAR- 2001; 2001~~WO~~- US008631.

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PR 31- MAR- 2000; 2000US- 00540217.

PR

PR 23- AUG- 2000; 2000US- 00649167.

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PA (HYSE-) HYSEQ INC.

XX

PI Dr manac RT, Liu C, Tang YT;

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DR ~~WPI~~; 2001- 639362/ 73.

DR

DR P- PSDB; ABQ04990.

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PT New isolated polynucleotide and encoded polypeptides, useful in
PT diagnostics, forensics, gene mapping, identification of mutations
PT responsible for genetic disorders or other traits and to assess
PT biodiversity.

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PS Claim 1; SEQ ID NO 4981; 103pp; English.

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CC The invention relates to isolated polynucleotide (I) and polypeptide (II)
CC sequences. (I) is useful as hybridisation probes, polymerase chain
CC reaction (PCR) primers, oligomers, and for chromosome and gene mapping,
CC and in recombinant production of (II). The polynucleotides are also used
CC in diagnostics as expressed sequence tags for identifying expressed
CC genes. (I) is useful in gene therapy techniques to restore normal
CC activity of (II) or to treat disease states involving (II). (II) is
CC useful for generating antibodies against it, detecting or quantitating a
CC polypeptide in tissue, as molecular weight markers and as a food
CC supplement. (II) and its binding partners are useful in medical imaging
CC of sites expressing (II). (I) and (II) are useful for treating disorders
CC involving aberrant protein expression or biological activity. The
CC polypeptide and polynucleotide sequences have applications in
CC diagnostics, forensics, gene mapping, identification of mutations
CC responsible for genetic disorders or other traits to assess biodiversity
CC and to produce other types of data and products dependent on DNA and
CC amino acid sequences. AAS64197- AAS94564 represent novel human diagnostic
CC coding sequences of the invention. Note: The sequence data for this
CC patent did not appear in the printed specification, but was obtained in
CC electronic format directly from WPO at
CC ftp. wipo. int / pub / publ ished _pct _sequences

Untitled

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SQ Sequence 1431 BP; 391 A; 346 C; 383 G; 311 T; 0 U; 0 Other;

Query Match 83.0% Score 158.6; DB 5; Length 1431;
 Best Local Similarity 89.9% Pred. No. 2.4e-36;
 Matches 170; Conservative 0; Mismatches 19; Indels 0; Gaps 0;

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Qy      3 TGTGGAGGTGTTCAAAGGCATTGACAATCGGACTCAGAAAGTAGTGGCATAAAAAATCAT 62
      |||
Db     183 TGGAGAGGTGTTCAAAGGCATTGACAATCGGACTCAGAAAGTGGTTGCCATAAAGATCAT 242
      |||
Qy      63 TGAOCTGGAGGAGGCAGAAGATGAGATCGAGGACATTGAGCAGGAAATCACAGTGCTGAG 122
      |||
Db     243 TGATCTGGAAGAAGCTGAAGATGAGATAGAGGACATTCAACAAGAAATCACAGTGCTGAG 302
      |||
Qy     123 TCAGTGTGACAGTCCCTACGTAAOCAAATATTACGGATCCTACCTGAAGGACACTAAATT 182
      |||
Db     303 TCAGTGTGACAGTCCATATGTAAOCAAATATTATGGATCCTATCTGAAGGATACAAAATT 362
      |||
Qy     183 GTGGATAAT 191
      |||
Db     363 ATGGATAAT 371
    
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Title: US-10-578-672A-1

Perfect score: 191

Sequence: 1 ggt gt ggaggt gt t caaagg. gacact aaat t gt ggat aat 191

RESULT 37

ACH38568

ID ACH38568 standard; cDNA; 472 BP.

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AC ACH38568;

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DT 13-OCT-2003 (first entry)

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DE Human endothelial cell cDNA #6701.

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KW Human; ss; sequencing by hybridisation; SBH; expressed sequence tag; EST;
 KW genome mapping; biodiversity; genetic disorder.

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OS Homo sapiens.

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PN US2003073623-A1.

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PD 17-APR-2003.

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PF 30-JUL-2001; 2001US-00918995.

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PR 30-JUL-2001; 2001US-00918995.

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PA (DRMA/) DRMANAC R T.

PA (LABA/) LABAT I.

PA (STAC/) STACHE-CRAIN B.

PA (DICK/) DICKSON M C.

PA (JONE/) JONES L W

XX

PI Drmanac RT, Labat I, Stache-Crain B, Dickson MC, Jones LW

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Untitled

DR WPI : 2003- 615964/ 58.

XX New polynucleotide sequences obtained from various cDNA libraries, useful
PT as hybridization probes, as oligomers for PCR, for chromosome and gene
PT mapping, in the recombinant production of protein, or in generating
PT antisense DNA or RNA.

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PS Claim 1; SEQ ID NO 25780; 44pp; English.

CC The invention relates to an isolated polynucleotide comprising any one of
CC 38043 cDNA sequences, appearing as ACH12789-ACH50831, whose sequence was
CC determined by the technique of SBH (sequencing by hybridisation). Also
CC included is a purified polypeptide comprising a sequence corresponding to
CC a reading frame of the novel polynucleotide. The nucleic acid sequences
CC are useful in diagnostics as expressed sequence tags (EST) for
CC identifying expressed genes or for physical mapping of the human genome,
CC in forensics, in assessing biodiversities, or in identifying mutations
CC responsible for genetic disorders and other traits. The nucleotide
CC sequences are also useful as hybridisation probes, as oligomers for PCR,
CC for chromosome and gene mapping, in the recombinant production of
CC protein, or in generating antisense DNA or RNA. The purified polypeptide
CC is useful for generating antibodies specific for it. The present sequence
CC is one of the 38043 isolated cDNA/EST sequences. Note: The sequence data
CC for this patent did not form part of the printed specification, but was
CC obtained in electronic format directly from USPTO at
CC seqdata.uspto.gov/sequence.html?DocID=20030073623

Sequence 472 BP; 149 A; 91 C; 119 G; 110 T; 0 U; 3 Other;

Query Match 16.8% Score 32; DB 10; Length 472;
Best Local Similarity 100.0% Pred. No. 6.6e-06;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 106 GAAATCACAGTGCTGAGTCAGTGTGACAGTOC 137
| | | | |
Db 178 GAAATCACAGTGCTGAGTCAGTGTGACAGTOC 209